#### 09594304 CLS

Most Frequently Occurring Classifications of Patents Returned From A Search of 09594304 on April 05, 2005

#### Original Classifications 2 84/477R 2 380/262 711/112 Cross-Reference Classifications 4 84/478 3 84/464A 3 705/53 3 984/DIG 1 84/601 2 340/825.25 2 340/825.72 2 455/557 2 708/146 711/154 711/4 Combined Classifications 84/478 3 84/464A 3 84/477R 3 705/53 3 711/112 3 984/DIG 1 2 84/601 2 340/825.25 2 340/825.72

2 341/176 341/23 2 380/262 2 455/411 2 455/557 705/57

705/80 2 708/146 2 711/154 2 711/4

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#### 09594304 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returne

From A Search of 09594304 on April 05, 2005

```
(0 OR, 4 XR)
 4
     84/478
         Class
                 084 : MUSIC
         84/453
                       ACCESSORIES
                      .Teaching devices
         84/470R
                      ..Indicators
         84/477R
         84/478
                       ...For keyboard
                 (0 \text{ OR}, 3 \text{ XR})
  3
     84/464A
                 084 : MUSIC
         Class
                       ACCESSORIES
         84/453
                     .Producing color or light effects
         84/464R
                       ..Lights in Instrument
         84/464A
 3
     84/477R
                  (2 OR, 1 XR)
         Class
                 084 : MUSIC
         84/453
                       ACCESSORIES
         84/470R
                      .Teaching devices
                      ..Indicators
         84/477R
 3 705/53
                   (0 \text{ OR}, 3 \text{ XR})
                 705 : DATA PROCESSING: FINANCIAL, BUSINESS
         Class
                         PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION
                       BUSINESS PROCESSING USING CRYPTOGRAPHY
         705/50
                       .Usage protection of distributed data files
         705/51
         705/52
                       .. Usage or charge determination
         705/53
                       ... Including third party for collecting or
                          distributing payment (e.g., clearinghouse)
 3 711/112
                  (2 OR, 1 XR)
         Class
                 711: ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                         SYSTEMS: MEMORY
                       STORAGE ACCESSING AND CONTROL
         711/100
         711/101
                       .Specific memory composition
         711/111
                       .. Accessing dynamic storage device
         711/112
                       ...Direct access storage device (DASD)
 3 984/DIG 1
                  (0 OR, 3 XR)
                 984 : MUSICAL INSTRUMENTS
         Class
         984/DIG 1
                       PAPER COPIES IN NUMERICAL ORDER OF ALL U.S.
                          PATENTS IN SUBCLASSES 1-398
 2 84/601
                 (0 OR, 2 XR)
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```
09594304 CLSTITLES
               084 : MUSIC
       Class
       84/1
                     INSTRUMENTS
        84/600
                     .Electrical musical tone generation
       84/601
                     ..Data storage
2 340/825.25
               (0 OR, 2 XR)
               340 : COMMUNICATIONS: ELECTRICAL
       Class
        340/825
                     SELECTIVE
       340/825.25 .Audio system (e.g., by pulse signal)
2 340/825.72
                (0 OR, 2 XR)
               340 : COMMUNICATIONS: ELECTRICAL
       Class
        340/825
                     SELECTIVE
       340/825.71 .Frequency responsive actuation ..Wireless link
2 341/176
               (1 OR, 1 XR)
               341 : CODED DATA GENERATION OR CONVERSION
       Class
       341/173
                     CODE GENERATOR OR TRANSMITTER
       341/176
                    .Transmitter for remote control signal
2 341/23
               (1 OR, 1 XR)
       Class
               341 : CODED DATA GENERATION OR CONVERSION
       341/20
                     BODILY ACTUATED CODE GENERATOR
       341/22
                    .Including keyboard or keypad
                     ..Variable key legends
       341/23
 380/262
               (2 OR, 0 XR)
               380 : CRYPTOGRAPHY
       Class
       380/255
                    COMMUNICATION SYSTEM USING CRYPTOGRAPHY
                    .Symmetric key cryptography
       380/259
       380/260
                    .. Symmetric key synchronization
                     ... Transmitting a seed, sequence, or initial
       380/262
                        value
2 455/411
               (1 \text{ OR}, 1 \text{ XR})
       Class 455: TELECOMMUNICATIONS
       455/403
                     RADIOTELEPHONE SYSTEM
       455/410
                     .Security or fraud prevention
                     .. Privacy, lock-out, or authentication
       455/411
2 455/557
               (0 OR, 2 XR)
       Class
               455 : TELECOMMUNICATIONS
       455/73
                     TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
                          TRANSCEIVER)
                     .Radiotelephone equipment detail
       455/550.1
```

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..Interface attached device (e.g., interface

455/557

# 09594304\_CLSTITLES with modem, facsimile, computer, etc.)

			OR, 1 XR) : DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATIO	705/50 705/51 705/57		BUSINESS PROCESSING USING CRYPTOGRAPHY .Usage protection of distributed data filesCopy protection or prevention
2			OR, 1 XR) : DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATIO	N 705/80		ELECTRONIC NEGOTIATION
2	708/146 Class		OR, 2 XR) : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING
	708/100 708/131 708/142		ELECTRICAL DIGITAL CALCULATING COMPUTER
	708/146		Key sequencing (i.e., sequence defines function)
2		OR, 2 XR) : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY	
	711/100 711/154		STORAGE ACCESSING AND CONTROL .Control technique
2	711/4 Class		OR, 2 XR) : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY
	711/1		
	711/4		.Dynamic-type storage device (e.g., disk, tape
<b>'</b>			drum)

PLUS Search Results for S/N 09594304, Searched April 05, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated sear ch

system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that a re

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

RE30957

# 09594304\_LIST

6084585
6147292
6230002
4279022
4339807
4486741
4522456
4538495
4581702
4584922
4602583
4758713
4776008
4785413
4810121

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able 2
about 9
above 1
abstract 2
accepted 1
access 10
accessed 1
accesses 1.
accessing 2
accompanying 1
accordance 2
account 1
acoustic 1
actions 1
activities 1
actual 1
add 1
added 1
additional 5
additionally 3
address 7
adjust 1
administrative 2
administrators 1
affiliate 7
affiliation 1
after 4
again 2
against 3
age 1
aher 2
aier 1
akliate 1
all 15
allow 4
allowed 3
allowing 2
allows 6
already 3
also 24
although 3
amliate 12
amount 1
an 32
and 88
another 1
any 15
```

anyone 1

```
appears 1
appended 1
applied 1
applies 1
appropriate 2
are 19
art 2
as 54
aspect 1
assigned 1
associated 12
at 10
ated 1
attempt 1
attempts 1
authenticate 3
authenticated 4
authenticates 2
authenticating 1
authentication 55
automated 4
automatic 1
automatically 1
available 1
away 1
back 2
background 1
based 1
basic 1
be 44
become 1
becomes 1
been 3
before 4
begin 1
begins 1
below 1
better 1
between 2
bit 1
block 4
bmsic 1
bob 4
bobsmith 1
both 4
brief 1
broken 1
browsers 1
```

```
bsmith 1
but 3
by 42
calls 1
can 12
capable 1
card 1
carrier 1
cause 2
causes 1
ccd 4
cd 1
central 1
certain 1
certification 1
change 1
changed 2
changes 1
channel 1
character 1
characteristics 1
characters 1
cl 1
claims 1
clear 1
client 11
code 2
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coexistence 2
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collection 1
colmectionts 1
com 1
combination 1
combined 1
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commonly 1
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communicated 1
communicates 1
communication 4
communications 4
complete 1
completed 1
completely 1
component 1
components 3
```

```
comprise 1
comprises 1
compromised 1
computer 24
computers 2
computing 4
conclusion 1
concurrent 1
conf 1
config 1
configuration 9
conhdential 1
connection 1
connectionts 1
contact 1
contain 2
contained 2
contains 6
content 1
context 1
contiguration 1
continue 1
convenience 1
coporation 1
copvright 1
copyright 4
correct 1
corresponding 1
could 1
coupled 4
created 1
current 12
currentkey 1
currently 2
cxpects 1
data 16
database 4
date 3
dates 1
decrypt 1
decrypted 1
decrypting 3
decryption 1
default 1
defined 2
deleted 1
delivered 1
delivery 1
```

```
departing 1
depending 1
described 5
describes 1
description 6
desired 9
detail 1
detailed 4
determine 1
device 14
devices 3
devicets 2
diagmm 1
diagram 1
diagrnm 1
diagrsm 1
difference 1
different 10
differing 1
digit 2
digital 1
direct 1
directly 1
disclosure 3
disks 2
display 1
disruption 2
distinct 1
distributed 3
distributing 1
distribution 3
divided 1
do 1
document 3
domain 1
domains 1
drawines 1
drawing 1
drawings 1
ds 2
due 1
duling 1
during 3
dvd 1
each 19
easily 1
ed 1
eeprom 1
```

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either 2
electrical 1
elements 1
email 6
embedded 1
embodies 1
embodiments 6
employee 1
enable 1
enclypted 1
enclyption 2
encode 1
encrypted 10
encryption 5
enforced 1
engineering 1
ensure 1
ensures 1
ent 1
enter 3
entering 1
entertainment 1
entry 4
env 1
environm 1
environment 1
equal 2
er 1
ermission 1
es 1
esh 1
essentially 2
establish 1
established 1
et 1
etc 4
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ex 1
exact 1
example 6
examples 1
exchange 1
exclusive 1
exe 9
executable 3
executed 1
executing 1
exemplary 5
```

```
existing 2
expiration 3
expire 2
expired 2
expires 3
expitation 1
facilitates 1
facilitating 1
facsimile 1
faddkey 1
features 2
field 2
fig 7
figtlre 1
figure 1
file 14
files 1
financial 2
first 5
flash 1
flushed 1
followed 1
following 5
fonn 1
for 36
force 1
form 7
forms 1
fresh 1
from 7
functi 1
functionality 1
further 3
futtlre 1
future 1
games 1
genam 1
gender 1
generally 1
general 1
generally 2
generate 1
generated 3
generates 3
generation 7
generator 3
get 1
gets 1
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gggered 1
gpp 1
grants 1
growth 1
gs 1
guration 1
handles 1
happens 1
hardware 1
has 11
have 7
having 2
he 1
herein 3
hereof 1
hereto 1
hex 2
highly 1
his 1
hmac 1
hms 2
hobbies 1
hosting 1
hours 1
how 2
however 1
http 3
human 2
hypertext 1
icons 1
id 23
identical 1
identifies 1
identify 1
if 11
ikw 1
iliate 1
illuskated 1
illustrated 1
illustrates 1
illustrating 1
illustration 1
images 2
immediately 3
implement 2
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implementing 1
implements 1
```

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important 1
in 63
include 6
included 2
includes 8
including 2
increased 1
incremented 2
incrementing 1
indicate 1
indicated 1
indicates 4
indicating 1
individual 3
infonnation 3
information 48
infrared 1
initiate 1
initiated 2
input 3
installation 2
installed 2
installs 1
instru 1
instructions 2
integrated 1
intemet 5
interacting 1
interest 1
interface 2
internet 3
interrupting 1
interruption 1
intervention 1
into 7
invehtion 1
invention 17
involved 1
ironm 1
is 101
issued 2
issues 1
issuing 1
it 14
its 6
keep 3
key 82
keyboard 1
```

```
keyc 1
keydata 2
keys 29
keytimes 2
keyversion 1
km 1
know 1
known 1
kv 1
last 4
lds 2
le 2
leam 1
least 2
leaves 2
lemst 1
length 1
lengths 1
level 1
lf 1
liate 3
likely 1
limitation 1
limited 2
limiting 1
line 1
list 2
little 1
lman 1
ln 1
lnterface 1
lnternet 1
log 4
logged 4
logging 2
logi 1
logical 1
login 48
logout 1
long 1
longer 2
loops 1
lpyo 1
lt 3
mac 1
machine 2
made 3
magnetic 2
```

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mailed 1
mailing 1
maintain 1
maintained 1
make 1
makecurrent 2
manage 1
manager 1
manages 1
manner 2
manual 1
many 2
map 1
marketing 1
marmer 1
material 1
maximum 3
may 38
mdet 1
means 1
mechanical 1
mechanism 1
media 15
medial 1
medium 1
mema 1
memory 6
mes 1
method 1
microsor 1
mime 1
minimal 2
minimum 1
mlmber 1
mlmner 1
modulated 2
modules 5
more 3
most 2
mouse 1
mple 1
ms 16
mspect 1
mssociated 2
multiple 14
must 8
my 1
name 5
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```
named 1
nd 2
ne 3
necessary 3
need 3
ner 2
network 13
networkserver 1
never 2
new 43
next 1
nexus 5
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nllmeric 1
nm 1
nms 1
nnme 1
nnnotmce 1
no 6
non 5
nonvolatile 1
not 6
notice 2
now 1
nsme 1
nt 1
number 9
numbers 1
numerous 1
object 2
objection 1
objects 1
of 108
offce 1
offer 1
old 8
older 1
on 18
onality 1
once 1
one 12
only 2
onto 1
operating 2
operatinz 1
operation 3
operational 1
operations 3
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```
operative 1
operator 3
operators 1
optical 2
or 57
order 1
ork 2
other 20
others 1
otherwise 2
out 1
output 1
over 2
own 1
owner 1
pa 1
page 13
pal 2
parameter 2
parameters 2
parsing 1
parsmeter 1
part 3
particular 6
particularly 1
partner 14
parts 1
passes 1
password 14
passwords 3
patent 5
pen 1
perform 1
performed 3
period 5
periodic 1
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pertinent 1
pf 1
physical 1
physically 2
piece 2
places 1
platform 1
plus 1
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pmner 1
pmssword 4
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```
popularity 1
portion 1
practice 1
practiced 1
predetermined 1
preference 1
present 5
prevents 1
previous 2
printers 1
prior 2
private 2
process 8
processing 1
products 2
profile 2
program 4
promotions 1
propnm 1
protection 2
protocol 3
protocols 1
provide 6
provided 7
provides 7
providing 3
provnms 1
published 1
puposes 1
qt 1
ram 1
rami 1
re 4
reaches 1
readable 3
real 1
reauthenticate 1
reauthorization 4
reauthorize 1
reauthorized 1
received 2
receives 1
receiving 1
recent 1
records 2
redirected 3
redirection 1
reentry 1
```

```
reference 1
referenced 2
referred 7
refers 1
refresh 2
refreshed 2
refreshing 3
regarding 2
register 4
registered 4
registering 5
registers 2
registration 7
registry 8
regular 1
regularly 1
rejected 1
relates 1
relationship 1
reliable 1
remember 1
removable 8
repeated 1
representation 1
reproduction 1
request 3
requested 1
requesting 1
requests 4
requir 1
require 3
required 1
requirement 1
requirements 5
requires 3
requiring 1
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reserves 1
resumes 1
retrieve 1
retrieved 1
rf 1
rh 1
rights 2
ring 1
rom 3
routipes 1
rrent 2
```

```
rther 1
rtm 1
run 1
running 2
safe 1
sale 1
same 3
schedule 2
scope 2
second 3
section 1
sections 1
secure 5
securely 1
security 4
see 1
seeking 1
select 3
selected 4
selection 1
selects 2
send 1
sense 1
sent 2
separately 1
sequence 1
server 74
servers 24
service 8
services 3
servicing 1
session 2
set 6
sets 1
setting 1
several 4
short 1
should 1
showing 3
shown 3
side 3
signal 4
significantly 1
signifies 1
signing 1
silently 2
similar 2
simple 2
```

```
since 3
single 1
sit 1
site 57
sitefd 1
siteld 2
sites 23
six 1
skilled 1
smith 7
smithb 1
smithbob 1
smithl 1
snme 1
so 1
software 1
some 2
speakers 1
speci 1
special 1
specific 2
specification 1
specified 1
specify 1
speciic 1
spirit 1
ssl 1
st 1
stamp 6
stamps 2
stampy 1
standard 1
stateless 1
still 3
storage 14
store 1
stored 4
stores 1
string 1
stringf 1
structures 3
subject 1
subsequent 2
successfully 1
such 29
sufficient 1
summary 1
switching 1
```

```
system 15
systems 2
taq 4
take 1
taken 1
takes 1
tape 1
target 1
task 1
tasks 1
tauthentication 1
tb 1
teachings 1
technology 2
tedious 1
telephone 2
term 3
terms 1
text 2
that 32
the 349
their 3
themselves 2
then 7
there 6
thereby 2
therefore 1
these 6
they 5
thi 1
this 22
those 1
thrown 1
tht 1
thus 3
tickds 1
ticket 19
tickets 5
time 31
timestamps 1
timewindow 2
tions 1
tjri 1
tlash 1
to 123
touch 1
track 3
tracks 1
```

```
trademark 1
transactions 2
transfer 1
transport 1
tregister 1
tregistered 1
trusted 2
tuser 1
tweb 1
two 6
type 1
typed 1
types 2
typically 5
uj 1
uncompli 1
under 1
understood 1
unencrypted 1
unique 1
unit 1
until 2
update 2
updated 6
updates 1
updating 5
url 1
use 7
used 18
useful 1
user 69
users 10
uses 1
ushes 1
using 12
usually 1
utilized 3
valid 1
value 6
values 3
variable 1
various 4
versatile 1
version 17
via 3
visit 1
visited 1
visiting 1
```

```
visitors 1
visits 4
voice 1
volatile 3
was 1
wave 1
way 4
web 36
websites 1
well 3
were 1
whatsoever 1
when 18
where 2
whether 1
which 26
while 4
who 2
whose 2
wide 1
will 5
window 2
wired 3
wireless 2
with 40
within 2
without 6
world 1
xml 6
xre 1
xw 1
xxx 1
yet 1
yy 1
yz 1
zd 1
zero 1
```